

Converting Colors

$Y_{xy}(36.1511, 0.3099, 0.2645)$

Have a look what the booklet for
Yxy(36.1511, 0.3099, 0.2645)
contains.

Yxy(36.1511, 0.3099, 0.2645)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(36.1511, 0.3099, 0.2645)

Conversions

Conversions Part 1

Format	Color
Hex	C093C6
RGB	192, 147, 198
RGB Percent	75%, 58%, 78%
CMY	0.2472, 0.4234, 0.2235
CMYK	0.03, 0.26, 0.00, 0.22
HSL	293°, 31%, 68%
HSV	293°, 26%, 78%
XYZ	42.3562, 36.1511, 58.1698
YIQ	166.2690, 10.4490, 25.4010

Conversions

Conversions Part 2

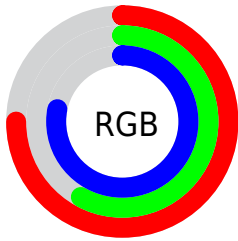
Format	Color
R_{YB}	192, 147, 198
Decimal	12620742
CIE Lab	66.64, 25.73, -19.81
CIE LCh	67, 32.469, 322.402
Yxy	36.1511, 0.3099, 0.2645
Android (android.graphics.Color)	4290810822 (0xFFC093C6)
YUV	166.2690, 15.6434, 22.5661
Hunter-Lab	60.1258, 20.5261, -15.2731

Details

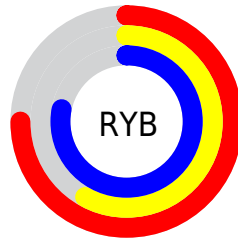
The Yxy color **36.1511, 0.3099, 0.2645** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **49.2732, 0.3140, 0.4007**, and the grayscale version is **38.1888, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.1330, 0.3108, 0.2755**, and **15.7826, 0.3084, 0.2471** is the 20% darker color. If you saturate the color by 10%, you get **30.2107, 0.3082, 0.2391**, and if you desaturate by 10%, it is **43.1594, 0.3112, 0.2901**.

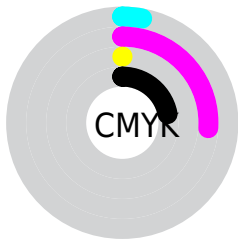
Distribution



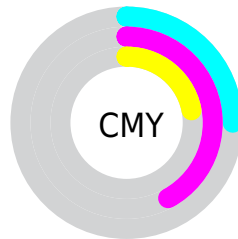
- Red (75%)
- Green (58%)
- Blue (78%)



- Red (75%)
- Yellow (58%)
- Blue (78%)



- Cyan (3%)
- Magenta (26%)
- Yellow (0%)
- Black (22%)





- Cyan (25%)
- Magenta (42%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.1511, 0.3099, 0.2645 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 36.1511, 0.3099, 0.2645 by changing the saturation by 10% instead.


 36.1511, 0.3099,
0.2645


 36.1511, 0.3099,
0.2645


329.6205, 0.3120,
0.2964

 24.5509, 0.3092,
0.2567


 69.2652, 0.3108,
0.2760

 15.7428, 0.3081,
0.2467


 91.5479, 0.3111,
0.2804

 9.3423, 0.3065,
0.2336


118.1603, 0.3113,
0.2840

 4.9651, 0.3038,
0.2157

149.4867, 0.3115,
0.2872

 2.2268, 0.2988,
0.1900

185.9115, 0.3117,
0.2900

 0.7346, 0.2890,
0.1489

227.8192, 0.3118,

 0.0000, 0.2186,

0.2924

0.0000

275.5940, 0.3119,
0.2945

0.0000, 0.0000,
0.0000

36.1511, 0.3099,
0.2645

36.1511, 0.3099,
0.2645

30.2107, 0.3082,
0.2391

43.1594, 0.3112,
0.2901

25.2791, 0.3062,
0.2147

51.2812, 0.3123,
0.3151

21.2989, 0.3039,
0.1924

60.5653, 0.3130,
0.3390

18.2047, 0.3012,
0.1731

71.0562, 0.3135,
0.3615

15.9231, 0.2984,
0.1577

82.7960, 0.3138,
0.3823

■ 14.3686, 0.2954,
0.1466

■ 88.7242, 0.3147,
0.3910

■ 13.4353, 0.2924,
0.1399

■ 89.0627, 0.3162,
0.3907

■ 13.1369, 0.2911,
0.1377

■ 89.4062, 0.3176,
0.3904

■ 89.7548, 0.3191,
0.3902

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



36.1511, 0.2642, 0.2509



36.1511, 0.3099, 0.2645



36.1511, 0.3600, 0.2922

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



36.1511, 0.3099, 0.2645



36.1511, 0.3956, 0.4016



36.1511, 0.2333, 0.3197

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



36.1511, 0.3099, 0.2645



49.2732, 0.3140, 0.4007

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



36.1511, 0.2641, 0.3692



36.1511, 0.3099, 0.2645



36.1511, 0.3576, 0.4184

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



36.1511, 0.3099, 0.2645



36.1511, 0.4115, 0.3680



36.1511, 0.3093, 0.4075



36.1511, 0.2229, 0.2784

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



36.1511, 0.3099, 0.2645



36.1511, 0.3880, 0.3160



36.1511, 0.3093, 0.4075



36.1511, 0.2415, 0.3361

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



36.1527, 0.3099, 0.2645



87.2122, 0.3120, 0.3092



33.3342, 0.2697, 0.2663



18.1847, 0.3119, 0.3054



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



36.1527, 0.3099, 0.2645



57.7772, 0.3090, 0.2499



36.1474, 0.3335, 0.2877



10.7504, 0.3119, 0.3061



8.5679, 0.2915, 0.1379



0.4242, 0.2980, 0.1415

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



35.1823, 0.3604, 0.3212



55.8073, 0.3751, 0.3194



49.3352, 0.2965, 0.3743



10.6570, 0.3271, 0.3263



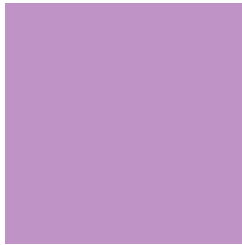
7.8559, 0.6240, 0.3211



0.3790, 0.5807, 0.2972

Previews

White Background



This preview shows how the Yxy color 36.1511, 0.3099, 0.2645 looks on a white background.

Color Contrast Check

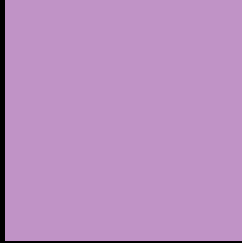
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 36.1511, 0.3099, 0.2645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 36.1511, 0.3099, 0.2645

Background



This preview shows how black text looks on a background with the Yxy color 36.1511, 0.3099, 0.2645.



This preview shows how white text looks on a background with the Yxy color 36.1511, 0.3099, 0.2645.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

36.1511, 0.3099, 0.2645

Protanopia

36.5278, 0.2659, 0.2646

Deuteranopia

36.4632, 0.2844, 0.2783



Tritanopia

36.0639, 0.3356, 0.3129

Trichromacy



Original Color

36.1511, 0.3099, 0.2645

Protanomaly

36.1359, 0.2806, 0.2647

Deuteranomaly

36.3581, 0.2931, 0.2730

Tritanomaly

36.1264, 0.3262, 0.2947

Monochromacy



Original Color

36.1511, 0.3099, 0.2645

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.1246, 0.3111, 0.3030

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.1511, 0.3099, 0.2645 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(192, 147, 198)` looks like.

```
.text, #text, p{  
    color:rgb(192, 147, 198)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(192, 147, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 147, 198) }
```

Border

The CSS property to change the border of an element to Yxy 36.1511, 0.3099, 0.2645 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(192, 147, 198) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(192, 147, 198) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(192, 147, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 147, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 147, 198);  
box-shadow:4px 4px 4px 4px rgb(192, 147,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 36.1511, 0.3099, 0.2645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 147, 198) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(192,  
147, 198) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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